

UNITED STATES MARINE CORPS
LOGISTICS OPERATIONS SCHOOL
MARINE CORPS COMBAT SERVICE SUPPORT SCHOOLS
TRAINING COMMAND
PSC BOX 20041
CAMP LEJEUNE, NORTH CAROLINA 28542-0041

D208

STUDENT OUTLINE

PREPARATION OF SUPPLIES AND EQUIPMENT PRACTICAL APPLICATION

1. LEARNING OBJECTIVES:

a. Terminal Learning Objective: Given supplies and equipment to be embarked, necessary tools, equipment, and material, information concerning the specific type of ship, aircraft or other conveyance to be used, and the references, prepare supplies and equipment for embarkation in compliance with the requirements of the specific type of ship, aircraft, or other conveyance to be used, per the references.

b. Enabling Learning Objective:

(1) Given a vehicle to be mobile loaded, equipment and supplies to be embarked, and the references, mobile load a vehicle per the references.

(2) Given supplies and equipment to be embarked, and the references, determine 463L pallet requirements for transportation for military aircraft per the references.

(3) Given supplies and equipment to be embarked, and the references, determine the quantity of warehouse pallets and boxes required for transportation per the references.

(4) Given supplies and equipment to be embarked, and the references, compute center of balance per the references.

(5) Given supplies and equipment to be embarked, and the references, stage supplies and equipment in a unit marshalling area per the references.

(6) Given supplies and equipment to be embarked, and the references, inspect cargo for transportability per the references.

(7) Given supplies and equipment to be embarked, and the references, identify the requirements for marking pallets and boxes per the references.

(8) Given supplies and equipment to be embarked, and the references, identify the requirements for securing pallets and boxes per the references.

(9) Given supplies and equipment to be embarked, and the references, identify the requirements for waterproofing pallets and boxes per the references.

(10) Given supplies and equipment to be embarked, a list of components for the 463L pallet system, and the references, identify the procedure for building a 463L pallet per the references.

(11) Given supplies and equipment to be embarked, a list of components for the 463L pallet system, and references, identify the procedures for securing the 463L pallet per the references.

(12) Given supplies and equipment to be embarked, a list of components for the 463L pallet system, and the references, identify water proofing procedures for the 463L pallet per the references.

(13) Given a units supplies and equipment to be embarked, and the references, identify the procedure for mobile loading a vehicle per the references.

(14) Given a unit's supplies and equipment to be embarked, and the references, identify the procedures for securing a mobile loaded vehicle per the references.

(15) Given a unit's supplies and equipment to be embarked, and the references, identify the procedures for waterproofing a mobile loaded vehicle per the references.

(16) Given components of the 463L pallet system, and the references, inspect components for serviceability per the references.

1. PERFORMANCE.

a. Mobile Loading Vehicles:

(1) Materials:

- (a) ½ inch non-nylon rope/5000 pound cargo straps
- (b) Various boxes and equipment to be loaded
- (c) HMMWV and/or 5-ton

(2) Procedures:

- (a) Ensure the mobile load is properly restrained:

1 Cargo should not be able to be moved

2 ½ inch non-nylon rope/5k cargo straps should be tight and properly restraining all cargo from moving forward, backward or upward

- (b) Ensure cargo height is within regulations

- (c) Ensure vehicles interior tie-down devices are being utilized

b. Computing and marking center of balance:

(1) Materials:

- (a) Vehicle (HMMWV and 5-ton w/trailer)
- (b) Wheel scales (at least four)
- (c) Tape measure
- (d) Duct/masking tape
- (e) Calculator
- (f) Writing material

(2) Procedures:

- (a) Ensure axle weights are correct and marked on both sides of vehicle

(b) Ensure center of balance is correct and marked on both sides of vehicle (students C/B must be within one inch, up or down, from the actual C/B)

(c) Ensure gross vehicle weight is correct and marked on both sides of vehicles

c. 463L pallet building:

(1) Materials:

- (a) 463L pallet
- (b) Two side nets, one top net
- (c) Equipment to be loaded on pallet
- (d) Pallet bag

(2) Procedures:

- (a) Ensure nets are attached correctly
- (b) No twists in net/straps
- (c) All hooks on vertical straps must be facing inboard
- (d) Ensure straps are tight
- (e) All straps must be tucked away and secure
- (f) Ensure nets are tight

d. Box marking:

(1) Materials:

- (a) Six or seven cube, publication box
- (b) Spray paint (yellow, black, white, and green)
- (c) One inch stencils
- (d) Masking tape

(e) Box marking information (see B203-9)

(2) Procedures:

box (a) Ensure correct information has been placed on

the box (b) Ensure markings are in the proper location on

(c) Markings must be clear and legible

(d) Ensure paint is not running

(e) Ensure proper colors of paint are used

e. Banding:

(1) Materials:

(a) Banding wire and clips

(b) Crimper, stretcher, and cutter

(c) Warehouse pallet

(d) Six or seven cube publication boxes

(e) Leather gloves

(2) Procedures:

boxes to the pallet (a) Ensure banding wire is securely restraining

(b) Ensure two crimps have been placed on each clip

downward to prevent injury (c) Ensure that the end of the wire has been bent

due to excessive tightness (d) Ensure that the wire is not damaging the boxes